

Atty. Dkt. No. 200311406-1

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-8. (canceled)

9. (original) A sheet media feed mechanism, comprising:

a chassis;

a motor mounted to the chassis;

a rotatable shaft operatively coupled to the motor;

a roller affixed to the shaft;

an idler disposed opposite the roller, the idler and the roller engagable with one another to form a nip therebetween;

bearings mounted to the chassis and supporting the shaft, each bearing having a cylindrical inner bearing surface; and

the shaft having a spherical journal surface inside and rotatable against each bearing surface.

10. (original) The mechanism of Claim 9, wherein each bearing includes a bushing defining the bearing surface and a body holding the bushing.

11. (original) The mechanism of Claim 10, wherein each bushing is pressed or over-molded into the body of the bearing.

12. (original) The mechanism of Claim 11, further comprising a part mounting each of the bearings to the chassis.

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13. (original) The mechanism of Claim 11, further comprising a part mounting each of the bearings to the chassis and the body of each bearing is integral with the mounting part.

14. (original) A printer, comprising:
a chassis;
a print engine;
a feed mechanism operative to move media sheets along a media path through the print engine;
a printer controller configured to control the operation of the print engine and the feed mechanism; and
the feed mechanism including
a motor mounted to the chassis,
a rotatable shaft operatively coupled to the motor,
a roller affixed to the shaft,
an idler disposed opposite the roller, the idler and the roller engagable with one another to form a nip therebetween,
bearings mounted to the chassis and supporting the shaft, each bearing having a cylindrical inner bearing surface, and
the shaft having a spherical journal surface inside and rotatable against each bearing surface.

15. (previously presented) A sheet media feed mechanism, comprising:
a motor;
a rotatable shaft operatively coupled to the motor, the shaft having a spherical journal surface supported inside and rotatable against a cylindrical bearing surface;
a roller affixed to the shaft.

16. (previously presented) A sheet media feed mechanism, comprising:

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a motor;
a rotatable shaft operatively coupled to the motor;
a first spherical journal on a first part of the shaft, a second spherical journal on a second part of the shaft, a first cylindrical bearing supporting the first journal and a second cylindrical bearing supporting the second journal; and
a roller affixed to the shaft between the journals.